



CIVIL-TECH CONSULTANTS AND ENGINEERS

Building & Highway Material Testing Laboratory

NABL - Accredited Laboratory as per ISO / IEC-17025 :2005



Job No.: CTCE/BBMP/W.No.09/TG/CSR-08/925g/CEMENT/2015-16

Date: 20.08.2015

TEST REPORT ON CEMENT

* CUSTOMER	:	Asst. Executive Engineer, Vidyaranyapura Sub Division, BBMP, Bangalore.
* AGENCY	:	Mr. T. Gopinathareddy, No. 18, 6 th Cross, SSA Main Road, Hebbal, Bangalore – 32.
* NAME OF THE WORK	:	Construction of Sasthriya Sangeetha and Bharathanatya Building at HMT Layout in Ward No.09, Vidyaranyapura Sub Division. (Change of place: and Work Construction of Library Building at HMT Layout 1 st Block in Ward No.09 Phase-2), BBMP, Bangalore.
* REFERENCE	:	EE/BTP/BBMP/E-PMT/191/2014-15 Dated: 08.01.2015
SAMPLE ID	:	Cement
SAMPLE RECEIVED ON	:	18.08.2015
PERIOD OF TESTING	:	18.08.2015 to 20.08.2015



The results of the tests conducted on the cement sample are as follows:

Sl. No	Descriptions	Test Method as per IS	Test Result	Requirements as per IS: 8112-2013
1	Standard Consistency	IS-4031 (Part -4) 1988(RA-2009)	30.00 %	-
2	a) Initial Setting Time	IS-4031 (Part -5) 1988(RA-2009)	160 Minutes	Not Less than 30 Minutes
	b) Final Setting Time	IS-4031 (Part -5) 1988(RA-2009)	485 Minutes	Not More than 600 Minutes
3	Soundness by Le Chatelier Method	IS-4031 (Part-3) 1988(RA-2009)	0.5 mm	Not more than 10mm

*Information is furnished by the Customer/Representative.

Note:

- ⇒ The report shall not be reproduced, except in full, without the written approval of the laboratory.
- ⇒ The results indicated above are based on the tests carried out on the samples received in the laboratory.
- ⇒ Any Query regarding the report must be reported within 30 days from the date of testing.

AE-9

[Signature]

[Signature]
VISHWANATH .C
Quality Manager

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: 20.08.2015

TEST REPORT ON DETERMINATION GRADATION OF FINE AGGREGATES

* **Customer** : Asst. Executive Engineer, Vidyaranyapura Sub Division, BBMP, Bangalore.

* **Agency** : Mr. T. Gopinathareddy,
No. 18, 6th Cross, SSA Main Road, Hebbal, Bangalore – 32.

* **Name of Work** : Construction of Sasthriya Sangeetha and Bharathanatya Building at HMT Layout in Ward No.09, Vidyaranyapura Sub Division. (Change of place: and Work Construction of Library Building at HMT Layout 1st Block in Ward No.09 Phase-2), BBMP, Bangalore.

Reference : EE/BTP/BBMP/E-PMT/191/2014-15 Dated: 08.01.2015

Technical Reference : IS : 2386 Part 1 - 1963 RA-2007

Sample ID : Fine Aggregates

Sample Received on : 18.08.2015

Date of Testing : 20.08.2015



Total Wt. of Aggregates in gms **1000**

Is Sieve Size in mm	Cumulative Weight Passing in %	Specific Limits as per IS 383-1970 (RA- 2007)			
		Zone-I	Zone-II	Zone-III	Zone-IV
10	100	100	100	100	100
4.75	92.80	90-100	90-100	90-100	95-100
2.36	74.20	60-95	75-100	85-100	95-100
1.18	49.90	30-70	55-90	75-100	90-100
600 Micron	24.50	15-34	35-59	60-79	80-100
300 Micron	13.30	5-20	8-30	12-40	15-50
150 Micron	4.80	0-10	0-10	0-10	0-15

* Information is furnished by the Customer/Representative

Remarks : This sample is under Zone-I specific limits.

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